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CLAIMS

1. An agent delivery system comprising:
a pellet containing a therapeutic agent;
5 a flexible, implantable body having a hollow interior configured to receive
and retain the pellet within the interior after the body has been implanted within tissue.
2. An agent delivery system as defined in claim 1 wherein the implantable
body comprises a helical spring having individual coils which define an inside
10 diameter suitable for retaining the pellet in position within the device and the coils
being spaced a distance which permits bodily fluids to flow into the interior of the
device yet are small enough to prevent passage of the pellet from the interior of the
device.
- 15 *Sub BI* 3. An agent delivery as defined in claim 2 wherein the body has proximal
and distal portions and coils along the proximal portion define a second inside
diameter that does not accept the pellet.
4. An agent delivery as defined in claim 2 wherein the coils at the distal
20 portion of the body further define a diameter that does not accept the pellet.
- 25 *Sub AI* 5. An agent delivery system comprising:
a pellet containing a therapeutic substance;
a flexible and plantable body defining an interior sized to accept the pellet and
proximal and distal ends. The proximal end being sized to accept the pellet and at
least one opening sized to permit bodily fluid to enter the interior of the device but to
prevent the pellet from exiting the interior of the device;
an implant delivery device;
a pellet delivery tube engagable with the proximal end of the body.

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6. An agent delivery system as defined in Claim 5 wherein the alignment device is engagable with the interior of the implant body.

5 7. An agent delivery system as defined in Claim 5 wherein the alignment device is engagable with an outside surface of the implant device and pellet delivery tube.

10 8. An agent delivery system as defined in Claim 5 wherein the pellet delivery tube further comprises a pellet advancement mechanism and a pellet restraint mechanism.

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15 9. An agent delivery system comprising:
a pellet containing a therapeutic agent;
a flexible, implantable implant device;
a multi-lumen delivery tube having an implant delivery lumen and a pellet delivery lumen and having a distal end with a catheter positioning device engagable with tissue;
an implant delivery device comprising:
an obturator capable of piercing tissue in a shaft joined to the obturator for
20 controlling axial movement of the delivery device through the multi-lumen catheter;
a pellet delivery tube sized to slidably receive a pellet and being slidable within the pellet delivery lumen of the multi-lumen catheter,
the implant device delivery device and pellet delivery tube being independently controllable through the multi-lumen delivery catheter.

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B310. 10. An agent delivery system comprising:
a pellet containing a therapeutic substance;
a flexible, implantable body having an interior configure to receive the pellet and retain it after the implant has been placed in tissue;
30 an obturator configured to pierce tissue;

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an insertion device configured to retain the pellet within the interior of the implant device for simultaneous delivery into an intended tissue location.

11. A method for delivering an agent comprising:
- 5 providing a pellet containing a therapeutic agent;
providing a flexible and plantable body having an interior configured to receive and retain the pellet;
providing an obturator capable of piercing tissue;
providing a pellet delivery tube advancing the obturator into the tissue to create
- 10 a channel;
advancing the implantable body into the channel;
advancing the pellet delivery tube to the proximal end of the body and inserting the pellet into the interior of the body;
closing the proximal end of the body to retain the pellet within the interior.

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